

**I Claim:**

- 1. An improved building structural panel comprising:**  
**a first member of stiff corrugated material;**  
**an intermediate sheet of insulative material; and**  
**a second member of stiff corrugated material, said corrugated members being bonded to opposite sides of said intermediate sheet.**
- 2. An improved building structural panel according to claim 1 wherein said corrugated members are formed from plastics material.**
- 3. An improved building construction panel according to claim 1 wherein: said corrugated members are formed from wood pulp product.**
- 4. An improved building construction panel according to claim 1 wherein said corrugated members are bonded to said intermediate sheet with the corrugations running normal to each other.**
- 5. An improved building construction panel according to claim 1 wherein said corrugated members are bonded to said intermediate sheet with the corrugations running parallel to each other.**
- 6. An improved building construction panel according to claim 1 wherein said corrugated members are coated with a fungicide.**
- 7. An improved building construction panel according to claim 1 wherein said corrugated members are coated with a fire retardant material.**
- 8. An improved building construction panel according to claim 1 wherein said corrugated members are coated with a mold defeating material.**

9. An improved building construction panel according to claim 1 wherein said corrugated members are coated with a resilient material to promote rebounding of object striking said panel
10. An improved building construction panel according to claim 1 further comprising: a layer of resilient material spanning the outer side of the outer corrugated member.
11. An improved building construction panel according to claim 10 wherein said resilient material is in the form of a fiber coating.
12. An improved building construction panel according to claim 1 wherein said resilient material closely adheres to the shape of the corrugated member.
13. An improved building construction panel according to claim 1 wherein said resilient material spans the peaks of the corrugated member.